



**IECEX 06**

Edition 1.0 2019-03

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# IECEX PUBLICATION

**IEC System for Certification to Standards relating to Equipment for use  
in Explosive Atmospheres (IECEX System)**

IECEX Assessment Group (ExAG) – Membership and Terms of Reference

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INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

PRICE CODE

**ZZ**

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## INTERNATIONAL ELECTROTECHNICAL COMMISSION

**IECEX Assessment Group (ExAG) – Membership and  
Terms of Reference****FOREWORD**

This publication is directly related to the IECEx Basic Rules (comprising IEC CA 01 and the IECEx Supplement IECEx 01-S) and provides details concerning the structure, membership and terms of reference of the IECEx Assessment Group, (ExAG).

This first edition of IECEx 06 takes effect immediately upon publication.

**INTRODUCTION**

The IECEx is a single global certification framework based on IEC International Standards. It caters for countries whose national standards are either identical to those of the IEC or else very close to IEC Standards. The IECEx is truly global in concept and practice, reduces trade barriers caused by different conformity assessment criteria in various countries, and helps industry to open up new markets.

The aim of the IECEx System and its Schemes is to ease international trade of Explosion Protected Equipment (termed Ex equipment) by eliminating the need for duplication of testing and certification, while preserving safety. IECEx operates as an International Certification System covering products and services associated with the Ex industries.

**Where do you commonly find Ex equipment?**

Flammable gases, vapours and combustible dusts create potentially explosive atmospheres. Ex equipment in such areas include:

- Automotive refuelling stations or petrol stations
- Oil refineries, rigs and processing plants
- Oil and gas tankers, drilling ships and FPSO (Floating Production Storage Offloading vessels)
- Chemical processing plants
- Printing industries, paper and textiles
- Hospital operating theatres
- Aircraft refuelling and hangars
- Surface coating industries
- Underground coal mines
- Sewerage treatment plants
- Gas pipelines and distribution centres
- Grain handling and storage and processing (flour-milling industry)
- Woodworking areas
- Sugar refineries
- Light metal working, where metal dust and fine particles can appear

**More information**

Further information is available from the IECEx website: [www.iecex.com](http://www.iecex.com), (containing free copies of the IECEx Rules and Procedures), from any of the IECEx Certification Bodies or directly from the IECEx Secretariat via the coordinates shown on the IECEx website.

# **IECEX Assessment Group, (ExAG) – Membership and Terms of Reference**

## **1 Scope**

This publication contains the Membership and Terms of Reference of the IECEX Assessment Group, hereinafter referred to as "ExAG", as the dedicated IECEX maintenance and consultative group for matters relating to the IECEX Assessment of ExCBs and ExTLs across all IECEX Schemes.

This publication is directly related to the IECEX Basic Rules (Comprising IEC CA 01 and the IECEX Supplement IECEX 01-S)

This publication is supplemented by the following publications that apply as relevant to specific activities associated with the assessment and qualification of IECEX Certification Bodies (ExCBs) and IECEX Testing Laboratories (ExTLs), operating within all IECEX Certification Schemes.

*IECEX 02, IECEX Certified Equipment Scheme covering equipment for use in explosive atmospheres – Rules of Procedure*

*IECEX 03, IECEX Certified Service Facilities Scheme – Rules of Procedure*

*IECEX 04, IECEX Conformity Mark Licensing System – Regulations*

*IECEX 05, IECEX Scheme for Certification of Personnel Competence for Explosive Atmospheres – Rules of Procedure*

## **2 Normative references**

The following publications, through reference in this text, constitute provisions of these Rules. The Ex Management Committee shall decide the timetable for the introduction of new or revised publications.

*IEC CAB-P02 Peer Assessment Fundamentals*

*ISO/IEC 17024, Conformity assessment — General requirements for bodies operating certification of persons*

*ISO/IEC 17025, General requirements for the competence of testing and calibration laboratories*

*ISO/IEC 17065, Conformity assessment – Requirements for bodies certifying products, processes and services*

## **3 Definitions**

ISO/IEC 17000, IECEX 02, IECEX 03, IECEX 04 and IECEX 05 give the basic definitions.

## **4 IECEX Assessment Group, ExAG**

### **4.1 Terms of Reference**

To act as the dedicated IECEX maintenance and consultative group for matters relating to the IECEX Assessment of ExCBs and ExTLs across all IECEX Schemes.

## 4.2 Structure

The IECEX Assessment Group (ExAG) reports to the ExMC but may consult directly with Committees reporting to the ExMC including:

- ExTAG
- ExSFC
- ExPCC

The ExAG shall have a Convener and a Deputy Convener appointed by ExMC with a three (3) year term and eligible to serve a second three (3) year term.

The Convener and Deputy Convener of the IECEX Assessment Group are members of the IECEX Executive.

The IECEX Secretariat shall provide secretarial services to the group.

## 4.3 Membership

The ExAG shall comprise Lead Assessors plus up to fifteen (15) experts nominated by IECEX Member Bodies and appointed by the ExMC. The ExMC shall ensure that a balance of interest across all IECEX Schemes is maintained.

As start up for the Group, members of previous ExMC WG4 that fit this criteria and wish to continue shall comprise part of the membership.

The ExAG shall meet on an as-needs-basis.

## 4.4 Responsibilities

Responsibilities as directed by the ExMC include but are not limited to the following:

- Ensure on-going alignment with the Peer Assessment fundamentals of CAB (reference is CAB Policy documents, eg IEC CAB-P02)
- Develop and maintain criteria for the qualification of Assessors and Lead Assessors in consultation with the IECEX Scheme Committees
- Review and approval of assessor applications for all schemes, with newly appointed assessors to be reported to ExMC for noting
- Periodic review of existing pool of assessors for all IECEX Schemes
- Maintenance of Assessment Procedures for all IECEX Schemes.
- Maintenance of report forms and records used in assessments
- Maintenance of IECEX Assessors' Guide(s)
- Development and delivery of assessor training
- Provide a consultative forum for recommendations on issues found during assessments
- Development of common interpretations, for example for ISO/IEC 17025
- Maintenance of checklists such as those for ISO/IEC 17024, 17025 and 17065.

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